ABSTRACT OF THE DISCLOSURE

A CCD including primary photosensitive pixels that have a narrower dynamic range and secondary photosensitive pixels that have a wider dynamic range is used to obtain first image information from the primary photosensitive pixels and second image

5   information from the secondary photosensitive pixels at one exposure, then the first image information and the second image information are stored as two separate files having names associated with each other.   A user can select through a predetermined user interface whether or not the second image information should be stored and a dynamic range for the second image information.   The dynamic range information for

10   the second image information is stored in the file of the first image information and/or the header of the file of the second image information.